

Amendments to the Claims

The listing of claims will replace all prior versions, or listings, of claims in this application.

Listing of the Claims:

Claim 1. (Currently Amended) A bowl mill for a coal pulverizer with an air mill for primary entry of air, comprising a substantially closed separator body (2) having a central axis; and a bowl-like grinding table (3) mounted on a shaft (4) rotatable about said central axis, cooperating with a plurality of grinding rolls (6); characterized in that said air mill is provided with multiple entry~~[[,]] double entry~~ annular openings (17', 17"; 18', 18"; 21, 25) on the outer wall of said air mill ~~being the variations of multiple entry of hot primary air from the inlets,~~ resulting in better uniformity in air flow around the air mill section and ~~for~~ minimizing formation of eddies and vortices.

Claim 2. (Currently Amended) The bowl mill of claim 1 wherein said multiple entry annular openings of primary air ~~comprises~~ comprise double entry annular openings (17', 17"; 18', 18"; 21, 25), which are set 180° from one another.

Claim 3. (Currently Amended) The bowl mill of claim 1, wherein the cross sectional area of each opening of the multiple entry configuration is a fraction of the area required in a single entry configuration, the fractional area of each entry being derived by dividing the area required for single entry by the number of entries proposed.

Claim 4. (Currently Amended - Withdrawn) The bowl mill of claim 1, wherein two separate sets of inlet ductings are provided leading to said ~~double~~ multiple entry annular openings.

Claim 5. (Currently Amended) The bowl mill of claim 1, ~~wherein said~~ further comprising an inlet which (19) is bifurcated for the primary air to enter the air mill through a first opening (21) of the multiple entry annular openings and a duct (23) leading to a second opening (25) of the multiple entry annular openings, where the two opening openings are being-set 180° from one another.

Claim 6. (Currently amended) The bowl mill of claim 5, wherein a blockage (26) is provided upstream of said second opening (25) so that primary air from the first opening (21) does not create ~~turbulance~~ turbulence.

Claim 7. (Currently Amended) The bowl mill of claim 5, wherein the cross-section of said duct (23) is gradually ~~deceased~~ decreased up to section (27).

Claim 8. (cancelled)

Claim 9. (new): The bowl mill of claim 1, wherein said inlet (19) is bifurcated with a partition (28) for allowing half of a primary air to enter the air mill through first opening (21) and the other half the primary air to enter a duct (23) leading to a second opening (25) which is set 180 degrees from the first opening (21).